

Release notes for ENDF/B Development n-036\_Kr\_085  
evaluation

**ENDF**  
**B-VII**.dev

April 26, 2017

- checkr Warnings:

1. A previous error halted parsing of the current section  
*MAT=3646, MF= 1, MT=451 (1): Parsing stopped*

```
ERROR(S) FOUND IN MAT=3646, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER      219 TO      387
```

- checkr Errors:

1. A variable is outside the allowed ENDF range  
*MAT=3646, MF= 1, MT=451 (0): Variable range*

```
ERROR(S) FOUND IN MAT=3646, MF= 1, MT=451
MOD =      1 OUT OF RANGE      0 -      0      RECORD NUMBER      219
```

2. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 2, MT=151 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=3646, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY      RECORD NUMBER      389
```

3. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 1 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 1
SECTION 3/ 1 NOT IN DIRECTORY      RECORD NUMBER      901
```

4. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 2 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 2
SECTION 3/ 2 NOT IN DIRECTORY      RECORD NUMBER      916
```

5. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 4 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 4
SECTION 3/ 4 NOT IN DIRECTORY      RECORD NUMBER      954
```

6. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 16 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 16
SECTION 3/ 16 NOT IN DIRECTORY      RECORD NUMBER      979
```

7. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 17 (0): Directory (b)*

- |                                           |               |     |
|-------------------------------------------|---------------|-----|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 17 | RECORD NUMBER | 988 |
| SECTION 3/ 17 NOT IN DIRECTORY            |               |     |
8. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 22 (0): Directory (b)*
- |                                           |               |     |
|-------------------------------------------|---------------|-----|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 22 | RECORD NUMBER | 994 |
| SECTION 3/ 22 NOT IN DIRECTORY            |               |     |
9. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 24 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 24 | RECORD NUMBER | 1002 |
| SECTION 3/ 24 NOT IN DIRECTORY            |               |      |
10. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 28 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 28 | RECORD NUMBER | 1008 |
| SECTION 3/ 28 NOT IN DIRECTORY            |               |      |
11. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 41 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 41 | RECORD NUMBER | 1016 |
| SECTION 3/ 41 NOT IN DIRECTORY            |               |      |
12. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 51 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 51 | RECORD NUMBER | 1021 |
| SECTION 3/ 51 NOT IN DIRECTORY            |               |      |
13. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 52 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 52 | RECORD NUMBER | 1042 |
| SECTION 3/ 52 NOT IN DIRECTORY            |               |      |
14. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 53 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 53 | RECORD NUMBER | 1062 |
| SECTION 3/ 53 NOT IN DIRECTORY            |               |      |
15. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 54 (0): Directory (b)*

- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 54 | RECORD NUMBER | 1081 |
| SECTION 3/ 54 NOT IN DIRECTORY            |               |      |
16. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 55 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 55 | RECORD NUMBER | 1099 |
| SECTION 3/ 55 NOT IN DIRECTORY            |               |      |
17. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 56 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 56 | RECORD NUMBER | 1116 |
| SECTION 3/ 56 NOT IN DIRECTORY            |               |      |
18. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 57 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 57 | RECORD NUMBER | 1134 |
| SECTION 3/ 57 NOT IN DIRECTORY            |               |      |
19. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT= 91 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT= 91 | RECORD NUMBER | 1152 |
| SECTION 3/ 91 NOT IN DIRECTORY            |               |      |
20. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=102 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=102 | RECORD NUMBER | 1170 |
| SECTION 3/102 NOT IN DIRECTORY            |               |      |
21. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=103 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=103 | RECORD NUMBER | 1191 |
| SECTION 3/103 NOT IN DIRECTORY            |               |      |
22. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=107 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=107 | RECORD NUMBER | 1205 |
| SECTION 3/107 NOT IN DIRECTORY            |               |      |
23. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=600 (0): Directory (b)*

- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 3, MT=600 |                    |
|  | SECTION 3/600 NOT IN DIRECTORY            | RECORD NUMBER 1228 |
24. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=601 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 3, MT=601 |                    |
|  | SECTION 3/601 NOT IN DIRECTORY            | RECORD NUMBER 1239 |
25. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=602 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 3, MT=602 |                    |
|  | SECTION 3/602 NOT IN DIRECTORY            | RECORD NUMBER 1250 |
26. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=603 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 3, MT=603 |                    |
|  | SECTION 3/603 NOT IN DIRECTORY            | RECORD NUMBER 1260 |
27. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=604 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 3, MT=604 |                    |
|  | SECTION 3/604 NOT IN DIRECTORY            | RECORD NUMBER 1270 |
28. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=605 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 3, MT=605 |                    |
|  | SECTION 3/605 NOT IN DIRECTORY            | RECORD NUMBER 1280 |
29. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=606 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 3, MT=606 |                    |
|  | SECTION 3/606 NOT IN DIRECTORY            | RECORD NUMBER 1290 |
30. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=607 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 3, MT=607 |                    |
|  | SECTION 3/607 NOT IN DIRECTORY            | RECORD NUMBER 1300 |
31. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=608 (0): Directory (b)*

- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=608 |                    |
| SECTION 3/608 NOT IN DIRECTORY            | RECORD NUMBER 1310 |
32. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=609 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=609 |                    |
| SECTION 3/609 NOT IN DIRECTORY            | RECORD NUMBER 1320 |
33. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=649 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=649 |                    |
| SECTION 3/649 NOT IN DIRECTORY            | RECORD NUMBER 1330 |
34. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=800 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=800 |                    |
| SECTION 3/800 NOT IN DIRECTORY            | RECORD NUMBER 1339 |
35. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=801 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=801 |                    |
| SECTION 3/801 NOT IN DIRECTORY            | RECORD NUMBER 1357 |
36. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=802 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=802 |                    |
| SECTION 3/802 NOT IN DIRECTORY            | RECORD NUMBER 1370 |
37. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=803 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=803 |                    |
| SECTION 3/803 NOT IN DIRECTORY            | RECORD NUMBER 1381 |
38. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=804 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=804 |                    |
| SECTION 3/804 NOT IN DIRECTORY            | RECORD NUMBER 1392 |
39. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=805 (0): Directory (b)*

- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=805 |                    |
| SECTION 3/805 NOT IN DIRECTORY            | RECORD NUMBER 1403 |
40. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=806 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=806 |                    |
| SECTION 3/806 NOT IN DIRECTORY            | RECORD NUMBER 1413 |
41. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=807 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=807 |                    |
| SECTION 3/807 NOT IN DIRECTORY            | RECORD NUMBER 1423 |
42. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=808 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=808 |                    |
| SECTION 3/808 NOT IN DIRECTORY            | RECORD NUMBER 1433 |
43. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=809 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=809 |                    |
| SECTION 3/809 NOT IN DIRECTORY            | RECORD NUMBER 1443 |
44. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=810 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=810 |                    |
| SECTION 3/810 NOT IN DIRECTORY            | RECORD NUMBER 1453 |
45. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=811 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=811 |                    |
| SECTION 3/811 NOT IN DIRECTORY            | RECORD NUMBER 1463 |
46. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=812 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=812 |                    |
| SECTION 3/812 NOT IN DIRECTORY            | RECORD NUMBER 1473 |
47. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=813 (0): Directory (b)*

- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=813 |                    |
| SECTION 3/813 NOT IN DIRECTORY            | RECORD NUMBER 1483 |
48. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=814 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=814 |                    |
| SECTION 3/814 NOT IN DIRECTORY            | RECORD NUMBER 1493 |
49. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=815 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=815 |                    |
| SECTION 3/815 NOT IN DIRECTORY            | RECORD NUMBER 1503 |
50. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=816 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=816 |                    |
| SECTION 3/816 NOT IN DIRECTORY            | RECORD NUMBER 1513 |
51. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=817 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=817 |                    |
| SECTION 3/817 NOT IN DIRECTORY            | RECORD NUMBER 1523 |
52. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=818 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=818 |                    |
| SECTION 3/818 NOT IN DIRECTORY            | RECORD NUMBER 1533 |
53. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 3, MT=849 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 3, MT=849 |                    |
| SECTION 3/849 NOT IN DIRECTORY            | RECORD NUMBER 1543 |
54. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT= 2 (0): Directory (b)*
- |                                          |                    |
|------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT= 2 |                    |
| SECTION 4/ 2 NOT IN DIRECTORY            | RECORD NUMBER 1554 |
55. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT= 51 (0): Directory (b)*



- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT= 51 | RECORD NUMBER | 1748 |
| SECTION 4/ 51 NOT IN DIRECTORY            |               |      |
56. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT= 52 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT= 52 | RECORD NUMBER | 1883 |
| SECTION 4/ 52 NOT IN DIRECTORY            |               |      |
57. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT= 53 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT= 53 | RECORD NUMBER | 1990 |
| SECTION 4/ 53 NOT IN DIRECTORY            |               |      |
58. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT= 54 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT= 54 | RECORD NUMBER | 2171 |
| SECTION 4/ 54 NOT IN DIRECTORY            |               |      |
59. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT= 55 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT= 55 | RECORD NUMBER | 2348 |
| SECTION 4/ 55 NOT IN DIRECTORY            |               |      |
60. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT= 56 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT= 56 | RECORD NUMBER | 2503 |
| SECTION 4/ 56 NOT IN DIRECTORY            |               |      |
61. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT= 57 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT= 57 | RECORD NUMBER | 2688 |
| SECTION 4/ 57 NOT IN DIRECTORY            |               |      |
62. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=600 (0): Directory (b)*
- |                                           |               |      |
|-------------------------------------------|---------------|------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=600 | RECORD NUMBER | 2883 |
| SECTION 4/600 NOT IN DIRECTORY            |               |      |
63. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=601 (0): Directory (b)*

- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 4, MT=601 |                    |
|  | SECTION 4/601 NOT IN DIRECTORY            | RECORD NUMBER 2926 |
64. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=602 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 4, MT=602 |                    |
|  | SECTION 4/602 NOT IN DIRECTORY            | RECORD NUMBER 2969 |
65. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=603 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 4, MT=603 |                    |
|  | SECTION 4/603 NOT IN DIRECTORY            | RECORD NUMBER 3010 |
66. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=604 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 4, MT=604 |                    |
|  | SECTION 4/604 NOT IN DIRECTORY            | RECORD NUMBER 3051 |
67. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=605 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 4, MT=605 |                    |
|  | SECTION 4/605 NOT IN DIRECTORY            | RECORD NUMBER 3092 |
68. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=606 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 4, MT=606 |                    |
|  | SECTION 4/606 NOT IN DIRECTORY            | RECORD NUMBER 3133 |
69. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=607 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 4, MT=607 |                    |
|  | SECTION 4/607 NOT IN DIRECTORY            | RECORD NUMBER 3174 |
70. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=608 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 4, MT=608 |                    |
|  | SECTION 4/608 NOT IN DIRECTORY            | RECORD NUMBER 3215 |
71. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=609 (0): Directory (b)*

- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=609 |                    |
| SECTION 4/609 NOT IN DIRECTORY            | RECORD NUMBER 3256 |
72. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=800 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=800 |                    |
| SECTION 4/800 NOT IN DIRECTORY            | RECORD NUMBER 3295 |
73. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=801 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=801 |                    |
| SECTION 4/801 NOT IN DIRECTORY            | RECORD NUMBER 3378 |
74. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=802 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=802 |                    |
| SECTION 4/802 NOT IN DIRECTORY            | RECORD NUMBER 3461 |
75. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=803 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=803 |                    |
| SECTION 4/803 NOT IN DIRECTORY            | RECORD NUMBER 3544 |
76. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=804 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=804 |                    |
| SECTION 4/804 NOT IN DIRECTORY            | RECORD NUMBER 3627 |
77. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=805 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=805 |                    |
| SECTION 4/805 NOT IN DIRECTORY            | RECORD NUMBER 3710 |
78. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=806 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=806 |                    |
| SECTION 4/806 NOT IN DIRECTORY            | RECORD NUMBER 3791 |
79. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=807 (0): Directory (b)*

- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=807 |                    |
| SECTION 4/807 NOT IN DIRECTORY            | RECORD NUMBER 3872 |
80. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=808 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=808 |                    |
| SECTION 4/808 NOT IN DIRECTORY            | RECORD NUMBER 3953 |
81. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=809 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=809 |                    |
| SECTION 4/809 NOT IN DIRECTORY            | RECORD NUMBER 4034 |
82. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=810 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=810 |                    |
| SECTION 4/810 NOT IN DIRECTORY            | RECORD NUMBER 4115 |
83. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=811 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=811 |                    |
| SECTION 4/811 NOT IN DIRECTORY            | RECORD NUMBER 4196 |
84. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=812 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=812 |                    |
| SECTION 4/812 NOT IN DIRECTORY            | RECORD NUMBER 4275 |
85. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=813 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=813 |                    |
| SECTION 4/813 NOT IN DIRECTORY            | RECORD NUMBER 4354 |
86. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=814 (0): Directory (b)*
- |                                           |                    |
|-------------------------------------------|--------------------|
| ERROR(S) FOUND IN MAT=3646, MF= 4, MT=814 |                    |
| SECTION 4/814 NOT IN DIRECTORY            | RECORD NUMBER 4433 |
87. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=815 (0): Directory (b)*

- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 4, MT=815 |                    |
|  | SECTION 4/815 NOT IN DIRECTORY            | RECORD NUMBER 4508 |
88. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=816 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 4, MT=816 |                    |
|  | SECTION 4/816 NOT IN DIRECTORY            | RECORD NUMBER 4581 |
89. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=817 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 4, MT=817 |                    |
|  | SECTION 4/817 NOT IN DIRECTORY            | RECORD NUMBER 4652 |
90. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 4, MT=818 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 4, MT=818 |                    |
|  | SECTION 4/818 NOT IN DIRECTORY            | RECORD NUMBER 4723 |
91. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 6, MT= 16 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 6, MT= 16 |                    |
|  | SECTION 6/ 16 NOT IN DIRECTORY            | RECORD NUMBER 4793 |
92. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 6, MT= 17 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 6, MT= 17 |                    |
|  | SECTION 6/ 17 NOT IN DIRECTORY            | RECORD NUMBER 7442 |
93. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 6, MT= 22 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 6, MT= 22 |                    |
|  | SECTION 6/ 22 NOT IN DIRECTORY            | RECORD NUMBER 7517 |
94. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 6, MT= 24 (0): Directory (b)*
- |  |                                           |                    |
|--|-------------------------------------------|--------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF= 6, MT= 24 |                    |
|  | SECTION 6/ 24 NOT IN DIRECTORY            | RECORD NUMBER 8173 |
95. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 6, MT= 28 (0): Directory (b)*

- ERROR(S) FOUND IN MAT=3646, MF= 6, MT= 28  
SECTION 6/ 28 NOT IN DIRECTORY RECORD NUMBER 8285
96. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 6, MT= 41 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF= 6, MT= 41  
SECTION 6/ 41 NOT IN DIRECTORY RECORD NUMBER 8774
97. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 6, MT= 91 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF= 6, MT= 91  
SECTION 6/ 91 NOT IN DIRECTORY RECORD NUMBER 8836
98. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 6, MT=102 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF= 6, MT=102  
SECTION 6/102 NOT IN DIRECTORY RECORD NUMBER 20310
99. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 6, MT=649 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF= 6, MT=649  
SECTION 6/649 NOT IN DIRECTORY RECORD NUMBER 23701
100. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF= 6, MT=849 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF= 6, MT=849  
SECTION 6/849 NOT IN DIRECTORY RECORD NUMBER 24750
101. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT= 51 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT= 51  
SECTION 12/ 51 NOT IN DIRECTORY RECORD NUMBER 25581
102. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT= 52 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT= 52  
SECTION 12/ 52 NOT IN DIRECTORY RECORD NUMBER 25585
103. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT= 53 (0): Directory (b)*

- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT= 53 |                     |
|  | SECTION 12/ 53 NOT IN DIRECTORY           | RECORD NUMBER 25589 |
104. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT= 54 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT= 54 |                     |
|  | SECTION 12/ 54 NOT IN DIRECTORY           | RECORD NUMBER 25593 |
105. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT= 55 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT= 55 |                     |
|  | SECTION 12/ 55 NOT IN DIRECTORY           | RECORD NUMBER 25597 |
106. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT= 56 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT= 56 |                     |
|  | SECTION 12/ 56 NOT IN DIRECTORY           | RECORD NUMBER 25601 |
107. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT= 57 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT= 57 |                     |
|  | SECTION 12/ 57 NOT IN DIRECTORY           | RECORD NUMBER 25606 |
108. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=601 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT=601 |                     |
|  | SECTION 12/601 NOT IN DIRECTORY           | RECORD NUMBER 25610 |
109. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=602 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT=602 |                     |
|  | SECTION 12/602 NOT IN DIRECTORY           | RECORD NUMBER 25614 |
110. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=603 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT=603 |                     |
|  | SECTION 12/603 NOT IN DIRECTORY           | RECORD NUMBER 25618 |
111. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=604 (0): Directory (b)*

- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT=604 |                     |
|  | SECTION 12/604 NOT IN DIRECTORY           | RECORD NUMBER 25622 |
112. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=605 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT=605 |                     |
|  | SECTION 12/605 NOT IN DIRECTORY           | RECORD NUMBER 25626 |
113. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=606 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT=606 |                     |
|  | SECTION 12/606 NOT IN DIRECTORY           | RECORD NUMBER 25630 |
114. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=607 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT=607 |                     |
|  | SECTION 12/607 NOT IN DIRECTORY           | RECORD NUMBER 25634 |
115. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=608 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT=608 |                     |
|  | SECTION 12/608 NOT IN DIRECTORY           | RECORD NUMBER 25638 |
116. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=609 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT=609 |                     |
|  | SECTION 12/609 NOT IN DIRECTORY           | RECORD NUMBER 25642 |
117. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=801 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT=801 |                     |
|  | SECTION 12/801 NOT IN DIRECTORY           | RECORD NUMBER 25646 |
118. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=802 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=12, MT=802 |                     |
|  | SECTION 12/802 NOT IN DIRECTORY           | RECORD NUMBER 25650 |
119. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=803 (0): Directory (b)*



- ERROR(S) FOUND IN MAT=3646, MF=12, MT=803  
SECTION 12/803 NOT IN DIRECTORY RECORD NUMBER 25654
120. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=804 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT=804  
SECTION 12/804 NOT IN DIRECTORY RECORD NUMBER 25658
121. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=805 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT=805  
SECTION 12/805 NOT IN DIRECTORY RECORD NUMBER 25662
122. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=806 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT=806  
SECTION 12/806 NOT IN DIRECTORY RECORD NUMBER 25666
123. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=807 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT=807  
SECTION 12/807 NOT IN DIRECTORY RECORD NUMBER 25670
124. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=808 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT=808  
SECTION 12/808 NOT IN DIRECTORY RECORD NUMBER 25674
125. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=809 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT=809  
SECTION 12/809 NOT IN DIRECTORY RECORD NUMBER 25678
126. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=810 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT=810  
SECTION 12/810 NOT IN DIRECTORY RECORD NUMBER 25682
127. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=811 (0): Directory (b)*

- ERROR(S) FOUND IN MAT=3646, MF=12, MT=811  
SECTION 12/811 NOT IN DIRECTORY RECORD NUMBER 25686
128. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=812 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT=812  
SECTION 12/812 NOT IN DIRECTORY RECORD NUMBER 25690
129. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=813 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT=813  
SECTION 12/813 NOT IN DIRECTORY RECORD NUMBER 25694
130. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=814 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT=814  
SECTION 12/814 NOT IN DIRECTORY RECORD NUMBER 25698
131. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=815 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT=815  
SECTION 12/815 NOT IN DIRECTORY RECORD NUMBER 25702
132. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=816 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT=816  
SECTION 12/816 NOT IN DIRECTORY RECORD NUMBER 25706
133. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=817 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT=817  
SECTION 12/817 NOT IN DIRECTORY RECORD NUMBER 25710
134. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=12, MT=818 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=12, MT=818  
SECTION 12/818 NOT IN DIRECTORY RECORD NUMBER 25714
135. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT= 51 (0): Directory (b)*

- ERROR(S) FOUND IN MAT=3646, MF=14, MT= 51  
SECTION 14/ 51 NOT IN DIRECTORY RECORD NUMBER 25719
136. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT= 52 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT= 52  
SECTION 14/ 52 NOT IN DIRECTORY RECORD NUMBER 25721
137. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT= 53 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT= 53  
SECTION 14/ 53 NOT IN DIRECTORY RECORD NUMBER 25723
138. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT= 54 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT= 54  
SECTION 14/ 54 NOT IN DIRECTORY RECORD NUMBER 25725
139. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT= 55 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT= 55  
SECTION 14/ 55 NOT IN DIRECTORY RECORD NUMBER 25727
140. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT= 56 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT= 56  
SECTION 14/ 56 NOT IN DIRECTORY RECORD NUMBER 25729
141. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT= 57 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT= 57  
SECTION 14/ 57 NOT IN DIRECTORY RECORD NUMBER 25731
142. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=601 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT=601  
SECTION 14/601 NOT IN DIRECTORY RECORD NUMBER 25733
143. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=602 (0): Directory (b)*

- ERROR(S) FOUND IN MAT=3646, MF=14, MT=602  
SECTION 14/602 NOT IN DIRECTORY RECORD NUMBER 25735
144. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=603 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT=603  
SECTION 14/603 NOT IN DIRECTORY RECORD NUMBER 25737
145. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=604 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT=604  
SECTION 14/604 NOT IN DIRECTORY RECORD NUMBER 25739
146. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=605 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT=605  
SECTION 14/605 NOT IN DIRECTORY RECORD NUMBER 25741
147. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=606 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT=606  
SECTION 14/606 NOT IN DIRECTORY RECORD NUMBER 25743
148. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=607 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT=607  
SECTION 14/607 NOT IN DIRECTORY RECORD NUMBER 25745
149. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=608 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT=608  
SECTION 14/608 NOT IN DIRECTORY RECORD NUMBER 25747
150. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=609 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT=609  
SECTION 14/609 NOT IN DIRECTORY RECORD NUMBER 25749
151. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=801 (0): Directory (b)*

- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=14, MT=801 |                     |
|  | SECTION 14/801 NOT IN DIRECTORY           | RECORD NUMBER 25751 |
152. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=802 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=14, MT=802 |                     |
|  | SECTION 14/802 NOT IN DIRECTORY           | RECORD NUMBER 25753 |
153. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=803 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=14, MT=803 |                     |
|  | SECTION 14/803 NOT IN DIRECTORY           | RECORD NUMBER 25755 |
154. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=804 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=14, MT=804 |                     |
|  | SECTION 14/804 NOT IN DIRECTORY           | RECORD NUMBER 25757 |
155. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=805 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=14, MT=805 |                     |
|  | SECTION 14/805 NOT IN DIRECTORY           | RECORD NUMBER 25759 |
156. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=806 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=14, MT=806 |                     |
|  | SECTION 14/806 NOT IN DIRECTORY           | RECORD NUMBER 25761 |
157. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=807 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=14, MT=807 |                     |
|  | SECTION 14/807 NOT IN DIRECTORY           | RECORD NUMBER 25763 |
158. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=808 (0): Directory (b)*
- |  |                                           |                     |
|--|-------------------------------------------|---------------------|
|  | ERROR(S) FOUND IN MAT=3646, MF=14, MT=808 |                     |
|  | SECTION 14/808 NOT IN DIRECTORY           | RECORD NUMBER 25765 |
159. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=809 (0): Directory (b)*

- ERROR(S) FOUND IN MAT=3646, MF=14, MT=809  
SECTION 14/809 NOT IN DIRECTORY RECORD NUMBER 25767
160. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=810 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT=810  
SECTION 14/810 NOT IN DIRECTORY RECORD NUMBER 25769
161. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=811 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT=811  
SECTION 14/811 NOT IN DIRECTORY RECORD NUMBER 25771
162. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=812 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT=812  
SECTION 14/812 NOT IN DIRECTORY RECORD NUMBER 25773
163. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=813 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT=813  
SECTION 14/813 NOT IN DIRECTORY RECORD NUMBER 25775
164. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=814 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT=814  
SECTION 14/814 NOT IN DIRECTORY RECORD NUMBER 25777
165. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=815 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT=815  
SECTION 14/815 NOT IN DIRECTORY RECORD NUMBER 25779
166. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=816 (0): Directory (b)*
- ERROR(S) FOUND IN MAT=3646, MF=14, MT=816  
SECTION 14/816 NOT IN DIRECTORY RECORD NUMBER 25781
167. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=817 (0): Directory (b)*

ERROR(S) FOUND IN MAT=3646, MF=14, MT=817  
SECTION 14/817 NOT IN DIRECTORY

RECORD NUMBER 25783

168. Missing a section in directory so your directory is messed up. This error will break everything else  
*MAT=3646, MF=14, MT=818 (0): Directory (b)*

ERROR(S) FOUND IN MAT=3646, MF=14, MT=818  
SECTION 14/818 NOT IN DIRECTORY

RECORD NUMBER 25785

• psyche Warnings:

1. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-05 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.75599E+02 SHOULD BE 4.44588E+02 (0): URR dens. (a)*

FILE 2

SECTION 151

ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-05

ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-05

DENSITY 5.75599E+02 SHOULD BE 4.44588E+02

2. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.75487E+02 SHOULD BE 4.44501E+02 (0): URR dens. (a)*

FILE 2

SECTION 151

ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 4.80000E-05

DENSITY 5.75487E+02 SHOULD BE 4.44501E+02

3. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.75210E+02 SHOULD BE 4.44287E+02 (0): URR dens. (a)*

FILE 2

SECTION 151

ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 4.80000E-05

DENSITY 5.75210E+02 SHOULD BE 4.44287E+02

4. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.74932E+02 SHOULD BE 4.44072E+02 (0): URR dens. (a)*

FILE 2

SECTION 151

ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 4.80000E-05

DENSITY 5.74932E+02 SHOULD BE 4.44072E+02

5. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.74654E+02 SHOULD BE 4.43858E+02 (0): URR dens. (a)*

FILE 2

SECTION 151

ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.74654E+02 SHOULD BE 4.43858E+02

6. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.74377E+02 SHOULD BE 4.43644E+02 (0): URR dens. (a)*

FILE 2

SECTION 151

ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.74377E+02 SHOULD BE 4.43644E+02

7. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.74099E+02 SHOULD BE 4.43429E+02 (0): URR dens. (a)*

FILE 2

SECTION 151

ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.74099E+02 SHOULD BE 4.43429E+02

8. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.73822E+02 SHOULD BE 4.43215E+02 (0): URR dens. (a)*

FILE 2

SECTION 151

ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.73822E+02 SHOULD BE 4.43215E+02

9. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.73269E+02 SHOULD BE 4.42788E+02 (0): URR dens. (a)*

FILE 2

SECTION 151

ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.73269E+02 SHOULD BE 4.42788E+02

10. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.72715E+02 SHOULD BE 4.42360E+02 (0): URR dens. (a)*

FILE 2

SECTION 151

ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.72715E+02 SHOULD BE 4.42360E+02

11. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.72163E+02 SHOULD BE 4.41934E+02 (0): URR dens. (a)*



- FILE 2  
SECTION 151  
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.72163E+02 SHOULD BE 4.41934E+02
12. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.71611E+02 SHOULD BE 4.41507E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.71611E+02 SHOULD BE 4.41507E+02
13. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.71059E+02 SHOULD BE 4.41081E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.71059E+02 SHOULD BE 4.41081E+02
14. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.70508E+02 SHOULD BE 4.40655E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.70508E+02 SHOULD BE 4.40655E+02
15. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.69958E+02 SHOULD BE 4.40230E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.69958E+02 SHOULD BE 4.40230E+02
16. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.69408E+02 SHOULD BE 4.39806E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.69408E+02 SHOULD BE 4.39806E+02
17. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.68858E+02 SHOULD BE 4.39381E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.68858E+02 SHOULD BE 4.39381E+02
18. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.68310E+02 SHOULD BE 4.38957E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.68310E+02 SHOULD BE 4.38957E+02
19. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.67761E+02 SHOULD BE 4.38534E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.67761E+02 SHOULD BE 4.38534E+02
20. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 4.80000E-05 / DENSITY 5.67214E+02 SHOULD BE 4.38111E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 4.80000E-05  
DENSITY 5.67214E+02 SHOULD BE 4.38111E+02
21. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / TOTAL OF 39 POINTS IN ERROR FOR THIS J-STATE (0): URR dens. (b)*
- FILE 2  
SECTION 151  
TOTAL OF 39 POINTS IN ERROR FOR THIS J-STATE  
TOTAL OF 39 POINTS IN ERROR FOR THIS J-STATE  
TOTAL OF 39 POINTS IN ERROR FOR THIS J-STATE  
... [6 more lines]
22. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-04 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.43385E+02 SHOULD BE 4.41954E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-04  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.43385E+02 SHOULD BE 4.41954E+02
23. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.43279E+02 SHOULD BE 4.41868E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.43279E+02 SHOULD BE 4.41868E+02
24. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.43017E+02 SHOULD BE 4.41655E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.43017E+02 SHOULD BE 4.41655E+02
25. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.42754E+02 SHOULD BE 4.41441E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.42754E+02 SHOULD BE 4.41441E+02
26. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.42493E+02 SHOULD BE 4.41229E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.42493E+02 SHOULD BE 4.41229E+02
27. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.42231E+02 SHOULD BE 4.41016E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.42231E+02 SHOULD BE 4.41016E+02
28. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.41969E+02 SHOULD BE 4.40802E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.41969E+02 SHOULD BE 4.40802E+02
29. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.41707E+02 SHOULD BE 4.40590E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.41707E+02 SHOULD BE 4.40590E+02
30. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.41185E+02 SHOULD BE 4.40165E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.41185E+02 SHOULD BE 4.40165E+02
31. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.40662E+02 SHOULD BE 4.39740E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.40662E+02 SHOULD BE 4.39740E+02
32. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.40141E+02 SHOULD BE 4.39316E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.40141E+02 SHOULD BE 4.39316E+02
33. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.39620E+02 SHOULD BE 4.38892E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.39620E+02 SHOULD BE 4.38892E+02
34. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.39099E+02 SHOULD BE 4.38468E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.39099E+02 SHOULD BE 4.38468E+02
35. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.38579E+02 SHOULD BE 4.38045E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.38579E+02 SHOULD BE 4.38045E+02
36. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.38059E+02 SHOULD BE 4.37623E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.38059E+02 SHOULD BE 4.37623E+02
37. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.37541E+02 SHOULD BE 4.37201E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.37541E+02 SHOULD BE 4.37201E+02
38. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.37021E+02 SHOULD BE 4.36778E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.37021E+02 SHOULD BE 4.36778E+02
39. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.36503E+02 SHOULD BE 4.36357E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.36503E+02 SHOULD BE 4.36357E+02
40. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.35986E+02 SHOULD BE 4.35936E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.35986E+02 SHOULD BE 4.35936E+02
41. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.35469E+02 SHOULD BE 4.35516E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.35469E+02 SHOULD BE 4.35516E+02
42. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-04 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.75599E+02 SHOULD BE 3.61599E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-04  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.75599E+02 SHOULD BE 3.61599E+02
43. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.75487E+02 SHOULD BE 3.61529E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.75487E+02 SHOULD BE 3.61529E+02
44. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.75210E+02 SHOULD BE 3.61354E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.75210E+02 SHOULD BE 3.61354E+02
45. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.74931E+02 SHOULD BE 3.61179E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.74931E+02 SHOULD BE 3.61179E+02
46. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.74654E+02 SHOULD BE 3.61005E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.74654E+02 SHOULD BE 3.61005E+02
47. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.74377E+02 SHOULD BE 3.60831E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.74377E+02 SHOULD BE 3.60831E+02
48. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.74099E+02 SHOULD BE 3.60656E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.74099E+02 SHOULD BE 3.60656E+02
49. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.73822E+02 SHOULD BE 3.60483E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.73822E+02 SHOULD BE 3.60483E+02
50. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.73269E+02 SHOULD BE 3.60135E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.73269E+02 SHOULD BE 3.60135E+02
51. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.72715E+02 SHOULD BE 3.59787E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.72715E+02 SHOULD BE 3.59787E+02
52. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.72163E+02 SHOULD BE 3.59440E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.72163E+02 SHOULD BE 3.59440E+02
53. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.71611E+02 SHOULD BE 3.59093E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.71611E+02 SHOULD BE 3.59093E+02
54. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.71059E+02 SHOULD BE 3.58747E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.71059E+02 SHOULD BE 3.58747E+02
55. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.70508E+02 SHOULD BE 3.58401E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.70508E+02 SHOULD BE 3.58401E+02
56. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.69958E+02 SHOULD BE 3.58055E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.69958E+02 SHOULD BE 3.58055E+02
57. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.69408E+02 SHOULD BE 3.57710E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.69408E+02 SHOULD BE 3.57710E+02
58. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.68858E+02 SHOULD BE 3.57364E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.68858E+02 SHOULD BE 3.57364E+02
59. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.68310E+02 SHOULD BE 3.57019E+02 (0): URR dens. (a)*



- FILE 2  
SECTION 151  
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.68310E+02 SHOULD BE 3.57019E+02
60. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.67761E+02 SHOULD BE 3.56675E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.67761E+02 SHOULD BE 3.56675E+02
61. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 5.67214E+02 SHOULD BE 3.56331E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 5.67214E+02 SHOULD BE 3.56331E+02
62. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-04 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.63995E+02 SHOULD BE 3.05968E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-04  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.63995E+02 SHOULD BE 3.05968E+02
63. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.63866E+02 SHOULD BE 3.05909E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.63866E+02 SHOULD BE 3.05909E+02
64. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.63546E+02 SHOULD BE 3.05761E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.63546E+02 SHOULD BE 3.05761E+02
65. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.63225E+02 SHOULD BE 3.05613E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.63225E+02 SHOULD BE 3.05613E+02
66. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.62905E+02 SHOULD BE 3.05466E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.62905E+02 SHOULD BE 3.05466E+02
67. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.62585E+02 SHOULD BE 3.05319E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.62585E+02 SHOULD BE 3.05319E+02
68. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.62265E+02 SHOULD BE 3.05171E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.62265E+02 SHOULD BE 3.05171E+02
69. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.61945E+02 SHOULD BE 3.05024E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.61945E+02 SHOULD BE 3.05024E+02
70. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.61307E+02 SHOULD BE 3.04730E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.61307E+02 SHOULD BE 3.04730E+02
71. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.60668E+02 SHOULD BE 3.04435E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.60668E+02 SHOULD BE 3.04435E+02
72. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.60031E+02 SHOULD BE 3.04142E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.60031E+02 SHOULD BE 3.04142E+02
73. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.59394E+02 SHOULD BE 3.03848E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.59394E+02 SHOULD BE 3.03848E+02
74. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.58757E+02 SHOULD BE 3.03555E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.58757E+02 SHOULD BE 3.03555E+02
75. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.58122E+02 SHOULD BE 3.03262E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.58122E+02 SHOULD BE 3.03262E+02
76. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.57487E+02 SHOULD BE 3.02970E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.57487E+02 SHOULD BE 3.02970E+02
77. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.56854E+02 SHOULD BE 3.02677E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.56854E+02 SHOULD BE 3.02677E+02
78. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.56219E+02 SHOULD BE 3.02385E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.56219E+02 SHOULD BE 3.02385E+02
79. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.55586E+02 SHOULD BE 3.02093E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.55586E+02 SHOULD BE 3.02093E+02
80. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.54954E+02 SHOULD BE 3.01802E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.54954E+02 SHOULD BE 3.01802E+02
81. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 4.80000E-04 / DENSITY 6.54322E+02 SHOULD BE 3.01511E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 4.80000E-04  
DENSITY 6.54322E+02 SHOULD BE 3.01511E+02
82. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.68227E+02 SHOULD BE 4.86658E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.68227E+02 SHOULD BE 4.86658E+02
83. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.68116E+02 SHOULD BE 4.86564E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.68116E+02 SHOULD BE 4.86564E+02
84. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.67842E+02 SHOULD BE 4.86329E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.67842E+02 SHOULD BE 4.86329E+02
85. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.67568E+02 SHOULD BE 4.86094E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.67568E+02 SHOULD BE 4.86094E+02
86. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.67294E+02 SHOULD BE 4.85859E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.67294E+02 SHOULD BE 4.85859E+02
87. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.67020E+02 SHOULD BE 4.85625E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.67020E+02 SHOULD BE 4.85625E+02
88. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.66746E+02 SHOULD BE 4.85390E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.66746E+02 SHOULD BE 4.85390E+02
89. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.66473E+02 SHOULD BE 4.85156E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.66473E+02 SHOULD BE 4.85156E+02
90. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.65926E+02 SHOULD BE 4.84688E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.65926E+02 SHOULD BE 4.84688E+02
91. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.65380E+02 SHOULD BE 4.84220E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.65380E+02 SHOULD BE 4.84220E+02
92. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.64834E+02 SHOULD BE 4.83753E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.64834E+02 SHOULD BE 4.83753E+02
93. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.64290E+02 SHOULD BE 4.83286E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.64290E+02 SHOULD BE 4.83286E+02
94. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.63745E+02 SHOULD BE 4.82820E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.63745E+02 SHOULD BE 4.82820E+02
95. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.63201E+02 SHOULD BE 4.82354E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.63201E+02 SHOULD BE 4.82354E+02
96. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.62658E+02 SHOULD BE 4.81889E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.62658E+02 SHOULD BE 4.81889E+02
97. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.62115E+02 SHOULD BE 4.81424E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.62115E+02 SHOULD BE 4.81424E+02
98. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.61572E+02 SHOULD BE 4.80959E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.61572E+02 SHOULD BE 4.80959E+02
99. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.61031E+02 SHOULD BE 4.80495E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.61031E+02 SHOULD BE 4.80495E+02
100. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.60489E+02 SHOULD BE 4.80032E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.60489E+02 SHOULD BE 4.80032E+02
101. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.59949E+02 SHOULD BE 4.79569E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.59949E+02 SHOULD BE 4.79569E+02
102. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.43385E+02 SHOULD BE 3.78512E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.43385E+02 SHOULD BE 3.78512E+02
103. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.43279E+02 SHOULD BE 3.78438E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.43279E+02 SHOULD BE 3.78438E+02
104. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.43017E+02 SHOULD BE 3.78256E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.43017E+02 SHOULD BE 3.78256E+02
105. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.42755E+02 SHOULD BE 3.78073E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.42755E+02 SHOULD BE 3.78073E+02
106. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.42493E+02 SHOULD BE 3.77891E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.42493E+02 SHOULD BE 3.77891E+02
107. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.42231E+02 SHOULD BE 3.77708E+02 (0): URR dens. (a)*



- FILE 2  
SECTION 151  
ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.42231E+02 SHOULD BE 3.77708E+02
108. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.41969E+02 SHOULD BE 3.77525E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.41969E+02 SHOULD BE 3.77525E+02
109. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.41707E+02 SHOULD BE 3.77343E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.41707E+02 SHOULD BE 3.77343E+02
110. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.41185E+02 SHOULD BE 3.76980E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.41185E+02 SHOULD BE 3.76980E+02
111. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.40662E+02 SHOULD BE 3.76615E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.40662E+02 SHOULD BE 3.76615E+02
112. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.40141E+02 SHOULD BE 3.76252E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.40141E+02 SHOULD BE 3.76252E+02
113. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.39620E+02 SHOULD BE 3.75889E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.39620E+02 SHOULD BE 3.75889E+02
114. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.39099E+02 SHOULD BE 3.75526E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.39099E+02 SHOULD BE 3.75526E+02
115. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.38579E+02 SHOULD BE 3.75164E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.38579E+02 SHOULD BE 3.75164E+02
116. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.38059E+02 SHOULD BE 3.74802E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.38059E+02 SHOULD BE 3.74802E+02
117. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.37541E+02 SHOULD BE 3.74441E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.37541E+02 SHOULD BE 3.74441E+02
118. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.37021E+02 SHOULD BE 3.74079E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.37021E+02 SHOULD BE 3.74079E+02
119. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.36503E+02 SHOULD BE 3.73718E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.36503E+02 SHOULD BE 3.73718E+02
120. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.35986E+02 SHOULD BE 3.73358E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.35986E+02 SHOULD BE 3.73358E+02
121. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.35469E+02 SHOULD BE 3.72998E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.35469E+02 SHOULD BE 3.72998E+02
122. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.75599E+02 SHOULD BE 3.09692E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.75599E+02 SHOULD BE 3.09692E+02
123. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.75487E+02 SHOULD BE 3.09631E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.75487E+02 SHOULD BE 3.09631E+02
124. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.75210E+02 SHOULD BE 3.09482E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.75210E+02 SHOULD BE 3.09482E+02
125. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.74932E+02 SHOULD BE 3.09332E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.74932E+02 SHOULD BE 3.09332E+02
126. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.74654E+02 SHOULD BE 3.09183E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.74654E+02 SHOULD BE 3.09183E+02
127. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.74377E+02 SHOULD BE 3.09034E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.74377E+02 SHOULD BE 3.09034E+02
128. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.74099E+02 SHOULD BE 3.08884E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.74099E+02 SHOULD BE 3.08884E+02
129. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.73822E+02 SHOULD BE 3.08735E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.73822E+02 SHOULD BE 3.08735E+02
130. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.73269E+02 SHOULD BE 3.08438E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.73269E+02 SHOULD BE 3.08438E+02
131. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.72715E+02 SHOULD BE 3.08140E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.72715E+02 SHOULD BE 3.08140E+02
132. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.72163E+02 SHOULD BE 3.07843E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.72163E+02 SHOULD BE 3.07843E+02
133. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.71611E+02 SHOULD BE 3.07546E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.71611E+02 SHOULD BE 3.07546E+02
134. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.71059E+02 SHOULD BE 3.07249E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.71059E+02 SHOULD BE 3.07249E+02
135. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.70508E+02 SHOULD BE 3.06952E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.70508E+02 SHOULD BE 3.06952E+02
136. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.69958E+02 SHOULD BE 3.06656E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.69958E+02 SHOULD BE 3.06656E+02
137. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.69408E+02 SHOULD BE 3.06361E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.69408E+02 SHOULD BE 3.06361E+02
138. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.68858E+02 SHOULD BE 3.06065E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.68858E+02 SHOULD BE 3.06065E+02
139. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.68310E+02 SHOULD BE 3.05770E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.68310E+02 SHOULD BE 3.05770E+02
140. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.67761E+02 SHOULD BE 3.05475E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.67761E+02 SHOULD BE 3.05475E+02
141. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 5.67214E+02 SHOULD BE 3.05180E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 5.67214E+02 SHOULD BE 3.05180E+02
142. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.63995E+02 SHOULD BE 2.62047E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.63995E+02 SHOULD BE 2.62047E+02
143. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.63866E+02 SHOULD BE 2.61996E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.63866E+02 SHOULD BE 2.61996E+02
144. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.63546E+02 SHOULD BE 2.61869E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.63546E+02 SHOULD BE 2.61869E+02
145. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.63225E+02 SHOULD BE 2.61743E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.63225E+02 SHOULD BE 2.61743E+02
146. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.62905E+02 SHOULD BE 2.61616E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.62905E+02 SHOULD BE 2.61616E+02
147. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.62585E+02 SHOULD BE 2.61490E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.62585E+02 SHOULD BE 2.61490E+02
148. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.62265E+02 SHOULD BE 2.61364E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.62265E+02 SHOULD BE 2.61364E+02
149. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.61945E+02 SHOULD BE 2.61238E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.61945E+02 SHOULD BE 2.61238E+02
150. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.61307E+02 SHOULD BE 2.60986E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.61307E+02 SHOULD BE 2.60986E+02
151. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.60668E+02 SHOULD BE 2.60734E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.60668E+02 SHOULD BE 2.60734E+02
152. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.60031E+02 SHOULD BE 2.60482E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.60031E+02 SHOULD BE 2.60482E+02
153. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.59395E+02 SHOULD BE 2.60231E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.59395E+02 SHOULD BE 2.60231E+02
154. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.58758E+02 SHOULD BE 2.59980E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.58758E+02 SHOULD BE 2.59980E+02
155. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.58122E+02 SHOULD BE 2.59729E+02 (0): URR dens. (a)*



- FILE 2  
SECTION 151  
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.58122E+02 SHOULD BE 2.59729E+02
156. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.57488E+02 SHOULD BE 2.59479E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.57488E+02 SHOULD BE 2.59479E+02
157. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.56854E+02 SHOULD BE 2.59228E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.56854E+02 SHOULD BE 2.59228E+02
158. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.56219E+02 SHOULD BE 2.58978E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.56219E+02 SHOULD BE 2.58978E+02
159. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.55586E+02 SHOULD BE 2.58728E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.55586E+02 SHOULD BE 2.58728E+02
160. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.54954E+02 SHOULD BE 2.58479E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.54954E+02 SHOULD BE 2.58479E+02
161. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 6.54322E+02 SHOULD BE 2.58229E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 6.54322E+02 SHOULD BE 2.58229E+02
162. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04 / ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.26123E+02 SHOULD BE 2.27107E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04  
ENERGY = 1.80000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.26123E+02 SHOULD BE 2.27107E+02
163. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.25963E+02 SHOULD BE 2.27063E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.25963E+02 SHOULD BE 2.27063E+02
164. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.25565E+02 SHOULD BE 2.26954E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.25565E+02 SHOULD BE 2.26954E+02
165. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.25165E+02 SHOULD BE 2.26844E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.25165E+02 SHOULD BE 2.26844E+02
166. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.24767E+02 SHOULD BE 2.26734E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.24767E+02 SHOULD BE 2.26734E+02
167. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.24369E+02 SHOULD BE 2.26625E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.24369E+02 SHOULD BE 2.26625E+02
168. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.23970E+02 SHOULD BE 2.26515E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.23970E+02 SHOULD BE 2.26515E+02
169. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.23573E+02 SHOULD BE 2.26406E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.23573E+02 SHOULD BE 2.26406E+02
170. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.22779E+02 SHOULD BE 2.26188E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.22779E+02 SHOULD BE 2.26188E+02
171. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.21984E+02 SHOULD BE 2.25969E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.21984E+02 SHOULD BE 2.25969E+02
172. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.21192E+02 SHOULD BE 2.25751E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.21192E+02 SHOULD BE 2.25751E+02
173. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.20400E+02 SHOULD BE 2.25534E+02 (0): URR dens. (a)*

- FILE 2  
SECTION 151  
ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.20400E+02 SHOULD BE 2.25534E+02
174. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.19607E+02 SHOULD BE 2.25316E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.19607E+02 SHOULD BE 2.25316E+02
175. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.18817E+02 SHOULD BE 2.25098E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.10000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.18817E+02 SHOULD BE 2.25098E+02
176. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.18027E+02 SHOULD BE 2.24881E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.20000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.18027E+02 SHOULD BE 2.24881E+02
177. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.17238E+02 SHOULD BE 2.24665E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.30000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.17238E+02 SHOULD BE 2.24665E+02
178. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.16448E+02 SHOULD BE 2.24447E+02 (0): URR dens. (a)*
- FILE 2  
SECTION 151  
ENERGY = 1.40000E+04. STRENGTH FUNCTION IS 1.80000E-04  
DENSITY 8.16448E+02 SHOULD BE 2.24447E+02
179. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.15661E+02 SHOULD BE 2.24231E+02 (0): URR dens. (a)*

```

FILE 2
SECTION 151
ENERGY = 1.50000E+04. STRENGTH FUNCTION IS 1.80000E-04
DENSITY 8.15661E+02 SHOULD BE 2.24231E+02

```

180. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.14875E+02 SHOULD BE 2.24015E+02 (0): URR dens. (a)*

```

FILE 2
SECTION 151
ENERGY = 1.60000E+04. STRENGTH FUNCTION IS 1.80000E-04
DENSITY 8.14875E+02 SHOULD BE 2.24015E+02

```

181. Level density in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 1.80000E-04 / DENSITY 8.14089E+02 SHOULD BE 2.23799E+02 (0): URR dens. (a)*

```

FILE 2
SECTION 151
ENERGY = 1.70000E+04. STRENGTH FUNCTION IS 1.80000E-04
DENSITY 8.14089E+02 SHOULD BE 2.23799E+02

```

182. Non-threshold reaction with Q value differing from PSYCHE's expectations  
*FILE 3 / SECTION 107 / THE CALCULATED Q 1.76076E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00 (0): Iffy Q*

```

FILE 3
SECTION 107
THE CALCULATED Q 1.76076E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00

```

- fudge-4.0 Warnings:

1. Missing a channel with a particular angular momenta combination  
*resonances / resolved / MultiLevelBreitWigner (Error # 0): missingResonanceChannel*

WARNING: Missing a channel with angular momenta combination L = 0, J = 3.0 and S = 3.0 for "capture"

2. Potential scattering hasn't converted, you need more L's!  
*resonances / resolved (Error # 1): potentialScatteringNotConverged*

WARNING: Potential scattering hasn't converged by L=0 at E=1800.0 eV, xs[0]/xs[0]=100.0% > 0.1%

- fudge-4.0 Errors:

1. Calculated and tabulated Q values disagree.  
*reaction label 9: n[multiplicity:'2'] + Kr84 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -7140696.769577026 eV vs -7.121e6 eV!

2. Calculated and tabulated Q values disagree.  
*reaction label 10: n[multiplicity:'3'] + Kr83 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -17663828.8510437 eV vs -1.7641e7 eV!

3. Calculated and tabulated Q values disagree.  
*reaction label 11:  $n + H1 + Br84 + \gamma$  (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -10961770.75727844 eV vs -1.0994e7 eV!

4. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 11:  $n + H1 + Br84 + \gamma$  / Product:  $n$  / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*

WARNING: Extra zero-probability outgoing energies found at incident energy 1.3e7 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 1.4e7 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 1.5e7 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 1.6e7 eV

... plus 4 more instances of this message

5. Calculated and tabulated Q values disagree.  
*reaction label 12:  $H1 + Br85$  (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -2035899.795318604 eV vs -2.088e6 eV!

6. Calculated and tabulated Q values disagree.  
*reaction label 13:  $H1 + Br85\_e1$  (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -2381089.795318604 eV vs -2433190. eV!

7. Calculated and tabulated Q values disagree.  
*reaction label 14:  $H1 + Br85\_e2$  (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -2991719.795318604 eV vs -3043820. eV!

8. Calculated and tabulated Q values disagree.  
*reaction label 15:  $H1 + Br85\_e3$  (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -3227199.795318604 eV vs -3.2793e6 eV!

9. Calculated and tabulated Q values disagree.  
*reaction label 16:  $H1 + Br85\_e4$  (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -3463099.795318604 eV vs -3.5152e6 eV!

10. Calculated and tabulated Q values disagree.  
*reaction label 17:  $H1 + Br85\_e5$  (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -3589199.795318604 eV vs -3.6413e6 eV!

11. Calculated and tabulated Q values disagree.  
*reaction label 18:  $H1 + Br85\_e6$  (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -3760599.795318604 eV vs -3.8127e6 eV!

12. Calculated and tabulated Q values disagree.  
*reaction label 19:  $H1 + Br85\_e7$  (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -3831099.795318604 eV vs -3.8832e6 eV!

13. Calculated and tabulated Q values disagree.  
*reaction label 20: H1 + Br85\_e8 (Error # 0): Q mismatch*  
  
WARNING: Calculated and tabulated Q-values disagree: -3895399.795318604 eV vs -3.9475e6 eV!
14. Calculated and tabulated Q values disagree.  
*reaction label 21: H1 + Br85\_e9 (Error # 0): Q mismatch*  
  
WARNING: Calculated and tabulated Q-values disagree: -3979699.795318604 eV vs -4.0318e6 eV!
15. Calculated and tabulated Q values disagree.  
*reaction label 22: H1 + (Br85\_c -> Br85 + gamma) (Error # 0): Q mismatch*  
  
WARNING: Calculated and tabulated Q-values disagree: -3979699.795318604 eV vs -4.0318e6 eV!
16. Calculated and tabulated Q values disagree.  
*reaction label 23: He4 + Se82 (Error # 0): Q mismatch*  
  
WARNING: Calculated and tabulated Q-values disagree: 1768586.155578613 eV vs 1.758e6 eV!
17. Calculated and tabulated Q values disagree.  
*reaction label 24: He4 + Se82\_e1 (Error # 0): Q mismatch*  
  
WARNING: Calculated and tabulated Q-values disagree: 1113896.155578613 eV vs 1103310. eV!
18. Calculated and tabulated Q values disagree.  
*reaction label 25: He4 + Se82\_e2 (Error # 0): Q mismatch*  
  
WARNING: Calculated and tabulated Q-values disagree: 358686.1555786133 eV vs 3.481e5 eV!
19. Calculated and tabulated Q values disagree.  
*reaction label 26: He4 + Se82\_e3 (Error # 0): Q mismatch*  
  
WARNING: Calculated and tabulated Q-values disagree: 37286.15557861328 eV vs 2.67e4 eV!
20. Calculated and tabulated Q values disagree.  
*reaction label 27: He4 + Se82\_e4 (Error # 0): Q mismatch*  
  
WARNING: Calculated and tabulated Q-values disagree: 33596.15557861328 eV vs 23010. eV!
21. Calculated and tabulated Q values disagree.  
*reaction label 28: He4 + Se82\_e5 (Error # 0): Q mismatch*  
  
WARNING: Calculated and tabulated Q-values disagree: -781513.8444213867 eV vs -7.921e5 eV!
22. Calculated and tabulated Q values disagree.  
*reaction label 29: He4 + Se82\_e6 (Error # 0): Q mismatch*  
  
WARNING: Calculated and tabulated Q-values disagree: -857113.8444213867 eV vs -8.677e5 eV!
23. Calculated and tabulated Q values disagree.  
*reaction label 30: He4 + Se82\_e7 (Error # 0): Q mismatch*  
  
WARNING: Calculated and tabulated Q-values disagree: -1124973.844421387 eV vs -1135560. eV!

24. Calculated and tabulated Q values disagree.  
*reaction label 31: He4 + Se82\_e8 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -1241213.844421387 eV vs -1.2518e6 eV!
25. Calculated and tabulated Q values disagree.  
*reaction label 32: He4 + Se82\_e9 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -1336413.844421387 eV vs -1.347e6 eV!
26. Calculated and tabulated Q values disagree.  
*reaction label 33: He4 + Se82\_e10 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -1524413.844421387 eV vs -1.535e6 eV!
27. Calculated and tabulated Q values disagree.  
*reaction label 34: He4 + Se82\_e11 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -1615413.844421387 eV vs -1.626e6 eV!
28. Calculated and tabulated Q values disagree.  
*reaction label 35: He4 + Se82\_e12 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -1680413.844421387 eV vs -1.691e6 eV!
29. Calculated and tabulated Q values disagree.  
*reaction label 36: He4 + Se82\_e13 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -1685443.844421387 eV vs -1696030. eV!
30. Calculated and tabulated Q values disagree.  
*reaction label 37: He4 + Se82\_e14 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -1817413.844421387 eV vs -1.828e6 eV!
31. Calculated and tabulated Q values disagree.  
*reaction label 38: He4 + Se82\_e15 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -1855413.844421387 eV vs -1.866e6 eV!
32. Calculated and tabulated Q values disagree.  
*reaction label 39: He4 + Se82\_e16 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -1900313.844421387 eV vs -1.9109e6 eV!
33. Calculated and tabulated Q values disagree.  
*reaction label 40: He4 + Se82\_e17 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -1908413.844421387 eV vs -1.919e6 eV!
34. Calculated and tabulated Q values disagree.  
*reaction label 41: He4 + Se82\_e18 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -1937413.844421387 eV vs -1.948e6 eV!



35. Calculated and tabulated Q values disagree.  
*reaction label 42: He4 + (Se82.c -> Se82 + gamma) (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -1937413.844421387 eV vs -1.948e6 eV!
36. Calculated and tabulated Q values disagree.  
*reaction label 43: Kr86 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: 9867926.542266846 eV vs 9.856e6 eV!
37. Calculated and tabulated Q values disagree.  
*reaction label 44: n + He4 + Se81 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -7533110.952148438 eV vs -7.517e6 eV!
38. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 44: n + He4 + Se81 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*
- WARNING: Extra zero-probability outgoing energies found at incident energy 1.2e7 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.3e7 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.4e7 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 1.5e7 eV  
 ... plus 5 more instances of this message
39. Calculated and tabulated Q values disagree.  
*reaction label 45: n[multiplicity:'2'] + He4 + Se80 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -14204025.03953552 eV vs -1.4218e7 eV!
40. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 45: n[multiplicity:'2'] + He4 + Se80 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*
- WARNING: Extra zero-probability outgoing energies found at incident energy 1.9e7 eV  
 WARNING: Extra zero-probability outgoing energies found at incident energy 2.e7 eV
41. Calculated and tabulated Q values disagree.  
*reaction label 46: n[multiplicity:'2'] + H1 + Br83 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -17820597.91752625 eV vs -1.7832e7 eV!
42. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 46: n[multiplicity:'2'] + H1 + Br83 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*
- WARNING: Extra zero-probability outgoing energies found at incident energy 2.e7 eV
43. Cross section domain does not match domain of linked reaction cross section sum  
*crossSectionSum label 1: (z,n) (Error # 0): summedCrossSectionDomainMismatch*

WARNING: Cross section domain does not match domain of linked reaction cross section sum

44. Cross section domain does not match domain of linked reaction cross section sum  
*crossSectionSum label 2: (z,p) (Error # 0): summedCrossSectionDomainMismatch*

WARNING: Cross section domain does not match domain of linked reaction cross section sum

- njoy2012 Warnings:

1. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (0): HEATR/hinit (4)*

---message from hinit---mf6, mt102 does not give recoil za= 36086  
photon momentum recoil used.